

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IDWD80G200C5	**Issued**	29. November 2024
MA#	MA005855638		
Package	PG-TO247-2-3	**Weight***	5770.91 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	non noble metal	tin	7440-31-5	0.180	0.003	0.211	31	2113
	noble metal	gold	7440-57-5	0.698	0.012		121	
	inorganic material	siliconcarbide	409-21-2	11.316	0.196		1961	
chip_2	non noble metal	tin	7440-31-5	0.180	0.003	0.211	31	2113
	noble metal	gold	7440-57-5	0.698	0.012		121	
	inorganic material	siliconcarbide	409-21-2	11.316	0.196		1961	
leadframe	inorganic material	phosphorus	7723-14-0	1.136	0.020	65.588	197	655881
	non noble metal	iron	7439-89-6	3.785	0.066		656	
	non noble metal	copper	7440-50-8	3,780.106	65.503		655028	
wire	non noble metal	aluminium	7429-90-5	28.924	0.501	0.501	5012	5012
encapsulation	organic material	carbon black	1333-86-4	14.390	0.249	33.248	2494	332479
	organic material	phenol formaldehyde resin	9003-35-4	80.010	1.386		13864	
	non noble metal	metal hydroxide	-	175.945	3.049		30488	
	plastics	epoxy resin	29690-82-2	261.903	4.538		45383	
	inorganic material	silicondioxide	60676-86-0	1,386.456	24.025		240249	
leadfinish	non noble metal	tin	7440-31-5	11.505	0.199	0.199	1994	1994
plating	non noble metal	nickel	7440-02-0	2.360	0.041	0.041	409	409
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption.

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